

Transportation Commission

January 25, 2012

Item 4E

Action

Draft Prioritized Transportation Project List

Background

The City Manager directed Public Works staff to prepare a prioritized project list to use for regional transportation planning and grant applications. The draft prioritized project list consists of projects in the following City approved plans: Bicycle Master Plan Update (2010), Pedestrian Master Plan (2009), the Community Based Transportation Plan (2009) and Transportation Element (TE) policies of the General Plan (2009). The staff will use an approved prioritized list when submitting future projects for regional funding and grant applications. Previous City practice involved Public Works staff selecting projects from the approved plans without formalized direction from the City Manager and City Council. This list will be reviewed regularly to ensure that priorities are current and to add new projects, as necessary.

Discussion

The attached Draft Prioritized Transportation Project List (Exhibit 1) summarizes the priority projects on the basis of the goals identified in the TE. The list also provides information on priorities as identified in previously approved planning documents as well as potential challenges a project may face in receiving funding. In the past, staff has pursued grants for those projects that have the most likelihood of being funded, regardless of the priority level of a project in an approved planning document. This flexibility is critical in evaluating this Project List, as different grants have varying eligibility criteria including the ability of a project to have long-term operation and maintenance support. Furthermore, some grants have short timelines to apply, thus minimizing the possibility to acquire Commission support and City Council approval for modifying the priorities. Staff requests specific input from the Commission on the above policy issue because if the pursuit of grant funding is curtailed to the top most priority projects, the City may limit itself in receiving the needed grants.

Budget Considerations/Fiscal Impact

The funding for these projects will primarily come from grants with potential requirements for local match monies needed on a case-by-case basis.

Recommendation

Staff recommends that the TC members review and approve the Draft Prioritized Transportation Project List.

Exhibit 1: Draft Prioritized Transportation Project List

Draft Prioritized Transportation Project List for Competitive Grants and Regional Funding												
Compiled Project List - January 2012												
Project Name	Project Description	Project need	Bike Plan	Ped Plan	CBT Plan	T.E.	Transit Benefits	Region Signif	Econ Dev	Req'd Mitig	Rank-ing**	Comments/ Challenges
SMART Corridor projects - Regional and Island Arterials	Enhances traffic circulation while using the existing infrastructure. Provides real-time information at bus stops. Provides signal priority lanes and queue jumpers for transit/shuttles.	Improves traffic circulation, transit efficiency and safety.			Medium/ High	Policies 4.1.1.b, 4.1.1.e, 4.1.1.h, 4.1.2.e, 4.1.6.b, 4.1.6.c, 4.3.1.d & 4.3.1.j	X	X	X	X	24	
Cross Alameda Trail Multi-modal Facility (Phase 1)	Alameda Point to Sherman – Class I construction; former Beltline right-of-way	Provides east-west bicycle/ pedestrian connections across the northern side of the island. Links commercial sites and redevelopment areas.	High	Med-ium		Policies 4.1.1.d, 4.1.7.d, 4.3.2.d & 4.3.3.a	X	X	X	X	23	Funding sufficient for a portion of project; City to pursue segments based on project readiness.
Estuary Crossing Project Study Report (PSR) / EIR	Bike/Ped bridge could be moved forward to a PSR equivalent document only if this option is deemed feasible.	Provides an alternative ped/bike crossing of the estuary.	High	High		Policies 4.1.2.e, 4.1.6.d, 4.1.8.d, 4.3.2.d & 4.3.3.a		X	X		21	Requires approval of other agencies and unfunded ongoing maintenance costs estimated at \$1.5 million annually. Part of the Countywide Bike/Pedestrian Plan.
Maintenance of Streets, Sidewalks and Trails	Repair of all pavement surfaces.	Maintains pavement surfaces to ensure the infrastructure functions properly.	High	High		Policies 4.1.1.b, 4.1.1.d, 4.3.2.d, 4.3.3.a & 4.4.4.a	X	X			21	
Broadway/Jackson Street Interchange	Includes improvements to Jackson on-ramp, Sixth St frontage, MLK off-ramp, BRT to 12th St BART, bike and ped improvements	Deficient countywide significant segment.				Policies 4.1.1a, g, h, i & j, 4.1.2.e & 4.1.3.c	X	X	X	X	20	
Miller-Sweeney Bridge Improvements	Provides a lifeline structure for Alameda. Provides bicycle, pedestrian and transit facilities. Removes rail bridge.	Improves access to Fruitvale BART and Oakland. Provides a major lifeline corridor for the City.	Listed Not Rank-ed	Med-ium		Policies 4.1.3a, 4.1.3c, 4.2.3.c & 4.3.2.d	X	X	X		20	Will be consistent with Surface Transportation Board requirements. Part of the Countywide Bike/Pedestrian Plan.
Estuary Crossing Project - Construction	Provides shuttle, barge, bridge or tunnel/ tube or tube improvements between west Alameda and Oakland.	Provides an alternative ped/bike crossing of the estuary.	Listed Not Rank-ed	Med-ium	Medium	Policies 4.1.2.e, 4.1.6.d & 4.3.2.d		X	X		17	Requires approval of other agencies and unfunded ongoing maintenance costs estimated at \$1.5 million annually. Part of the Countywide Bike/Pedestrian Plan.
Bus Rapid Transit - Alameda Point	One line connecting to 12th Street BART from Alameda Point and one to Fruitvale BART at 15 minute headways.	Improves transit options for the development at Alameda Point.				Policies 4.1.1.e, 4.1.1.g & 4.1.2.e	X	X	X	X	16	FTA funded transit access plan
Clement Avenue Bicycle Improvements (Cross Alameda Trail)	Grand to Broadway – Class II construction	Short-term alternative to a shoreline path – current shoreline uses are not expected to change in the foreseeable future.	High	Med-ium	Medium/ High	Policies 4.1.1.d, 4.1.7.d & 4.3.3.a		X			16	Requires railroad track removal consistent with Surface Transportation Board requirements.

Project Name	Project Description	Project need	Bike Plan	Ped Plan	CBT Plan	T.E.	Transit Benefits	Region Signif	Econ Dev	Req'd Mitig	Rank-ing**	Comments/ Challenges
School Route Enhancements	* Pedestrian enhancements around schools and along school routes. * Assists schools with walking school buses. * Creates and updates school route maps. * Provides necessary striping and signage requirements.	Improves traffic control measures along the school routes, helps develop and maintain walking school buses. Guides children to key intersections to minimize crossing locations; reduces congestion; increases students who walk/bike to school. Examples include stop bar restriping, faded white curbs and obsolete signs.	High	High	Medium/High	Policies 4.1.1.a, 4.3.1.d, 4.3.2.d & 4.3.3.a; Objective 4.4.8					16	
Walking and Bicycling Maps	Develops a walking map. Updates and produces bicycling map.	Could include self-guided walking tours. Partners with local groups to update a bicycle map.	High	High		Policies 4.3.1.d, 4.3.1.e, 4.3.2.d & 4.3.3.a			X		16	
Central Avenue Bicycle Improvements	Pacific Ave. to Grand St. = Class II and III construction	Extends the Central Avenue bikeway to the west end. Closes Bay Trail gap.	High	Medium	Medium/High	Policies 4.1.1.d & 4.3.3.a		X			15	Requires Caltrans coordination; project depends on Alameda Point development.
Shoreline Drive Trail Improvements	Improves Class I path along Shoreline Drive.	Widens and resurfaces the existing trail totaling 2.13 miles.	Listed Not Ranked	Medium		Policies 4.2.3.c, 4.3.2.d & 4.3.3.a		X	X		15	Requires coordination with East Bay Regional Park District. Potential for a cycle track, sidewalks and a landscaped median. Part of the Countywide Bike/Pedestrian Plan.
Blanding Avenue Bicycle Improvements	Oak to Tilden - Class II and III construction	Provides bike lane between Park St. and Tilden Way and a bike route between Oak St. and Park St.	High		Medium/High	Policies 4.1.1.d, 4.1.7.d & 4.3.3.a			X		14	Requires railroad track removal consistent with Surface Transportation Board requirements.
Pedestrian District Enhancements	Provide pedestrian enhancements.	Provides pedestrian enhancements to emphasize pedestrian needs along corridors.		High, Medium & Low	Medium/High	Policies 4.1.1.b, 4.2.2.f & 4.3.2.d			X		14	High-priority districts: Park Street and Webster Street; Medium-priority districts: Otis Drive (South Shore), Santa Clara Avenue (downtown) and Central Avenue (downtown); Low-priority districts: Island Drive, High Street commercial areas and the historic railroad stations. Some districts are part of the Countywide Bike/Pedestrian Plan.
Alameda Point Shopper Shuttle	Creates shopper shuttle on the weekends.	Improves transit access to downtown Oakland from Alameda Point.			High	Policy 4.1.1.e	X		X		13	In collaboration with private sector for on-going operations and maintenance costs.
Ballena Bicycle Path/Bike Route	Class I and III construction	Enhances bicycle and pedestrian access along Ballena Blvd.	Medium	Low		Policies 4.1.1.d, 4.2.3.c, 4.3.2d & 4.3.3.a		X			13	Part of the Countywide Bike/Pedestrian Plan as a Bay Trail connector.
High Street Bridge Retrofit	Retrofit to current seismic standards	Improves access and pedestrian amenities.	Listed Not Ranked	Low		Policies 4.2.3.c & 4.3.2.a	X	X			13	
Oak Street Bicycle Improvements	Blanding to Powell - Class II and III construction	Provides a “lower traffic” alternative route for bicyclists in proximity to Park Street.	High		Medium/High	Policies 4.1.1.d & 4.3.3.a			X		13	Class II bike lanes between Blanding Ave and Encinal Ave only if removal of on-street parking.

Project Name	Project Description	Project need	Bike Plan	Ped Plan	CBT Plan	T.E.	Transit Benefits	Region Signif	Econ Dev	Req'd Mitig	Rank-ing**	Comments/ Challenges
Park Street Bridge Retrofit	Retrofit to current seismic standards	Improves access and pedestrian amenities.	Listed Not Rank-ed	Low		Policies 4.2.3.c & 4.3.2.a	X	X			13	
Traffic signal installations & upgrades	Installs signals at intersections that meet warrants, upgrades signals as needed. Installs accessible pedestrian signals (APS) and countdown signals.	Improves traffic circulation and safety, reduces delay, included ped and bike enhancements such as bicyclist detection at intersections using loop detectors or video detection.	Med-ium	High, Med-ium & Low		Objective 4.3.6; Policies 4.1.1.a, 4.1.1.d, 4.1.1.f, 4.1.1.h, 4.3.2.d & 4.3.3.a					13	Included in the Citywide Development Fee. Oak/Clement and Park/Pacific signals included in Northern Waterfront Specific Plan. Upgrade Otis/Grand. For APS, 12 intersections are high priority, 19 are medium priority and 27 are low priority. For countdown signals, 7 are high, 16 are medium and 25 are low. Some intersections are part of the Countywide Bike/Pedestrian Plan.
Bayview Shoreline Pathway - Feasibility Study	Feasibility Study for Broadway to Towata Park	Identifies environmental impacts and regulatory barriers to ped and bike project with goal to provide direct shoreline access to/from Bay Farm Island.	High	Low		Policies 4.2.3.c, 4.3.2.d & 4.3.3.a		X			12	Bay Trail/ABAG has approached the City to fund. BCDC approval unlikely based on environmental impacts. Part of the Countywide Bike/Pedestrian Plan.
Bicycle Parking Expansion	Installs bicycle racks	Provides purchasing and installing of bicycle parking.	High			Policies 4.1.1.d & 4.3.3.a			X	X	11	
Bus Stops & Shelters	Adds trash receptacles, lighting, shelters, benches, etc. at bus stops.				High	Policies 4.1.1.e, 4.2.2.f & 4.3.1.e	X				11	
Low-Income Transit Fare Subsidy	Implements a low-income fare discount.				Medium	Policy 4.1.1.e	X	X			11	In collaboration with AC Transit and BART.
Maintain/ Enhance Signage	Replaces existing signs; installs additional signs	Includes guide signs to help bicyclists navigate through the City and to key destinations.	High	High		Policies 4.3.1.d, 4.3.2.d & 4.3.3.a					11	
Mecartney Road Bike Lanes	Island Dr to Maitland Dr = Class II construction	Extends existing bike lane on Mecartney Road.	Med-ium		Medium/ High	Policies 4.1.1.d & 4.3.3.a		X			11	Part of the Countywide Bike/Pedestrian Plan.
Neptune Park Bicycle and Pedestrian Path	Webster St. to Constitution Way/Marina Village Pkwy = Class I construction.	Provides connection for bicyclists and pedestrians who are accessing transit, the College of Alameda, Stargell Avenue, Marina Village or the Posey Tube to Oakland.	Med-ium			Policies 4.1.1.b, 4.1.1.d, 4.3.2.c, 4.3.2.d & 4.3.3.a	X				11	City Council approved \$53,146 of TDA Bike/Ped monies for the feasibility study on May 17, 2011.
Santa Clara Avenue Bicycle Improvements	Grand St. to Oak St. = Class II construction	Enhances access to the Park Street area extending the existing bike lanes on Santa Clara Ave. east to Park Street.	Med-ium		Medium/ High	Policies 4.1.1.d & 4.3.3.a			X		11	
Shoreline Park (HBI) Pathway Reconstruction	Reconstructs and provides widening at spot locations of existing Class I on Bay Farm Island.	Involves widening path in spot locations potentially with permeable materials; length = 3 miles.	Med-ium	Med-ium		Policies 4.2.3.c, 4.3.2.d & 4.3.3.a		X			11	

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Sidewalk Installations	Installs new sidewalks.	Installs sidewalks to close gaps.		High, Medium & Low		Policies 4.1.1.b, 4.3.2.c & 4.3.2.d	X				11	
Bayview Shoreline Pathway - Construction	Broadway to Towata Park = construction	Provides direct shoreline access to/from Bay Farm Island.	Medium	Low		Policies 4.2.3.c, 4.3.2.d & 4.3.3.a		X			10	BCDC approval unlikely based on environmental impacts. Part of the Countywide Bike/Pedestrian Plan.
Intersection/Trail Enhancement Projects	Improved pedestrian treatments at street crossings, including where trails intersect. Installs appropriate traffic control devices that will reduce traffic speeds.	Improves pedestrian access at intersections.		High, Medium & Low	Medium	Policies 4.1.1.a, 4.1.1.b, 4.1.1.h & 4.3.2.d					10	High-priority intersections total 8; medium priority total 37 and low priority total 81. Included in on-going studies to address circulation and safety. Overlaps with Pedestrian District improvements.
Island Drive / Mecartney Road	Improved pedestrian treatments	Medians blocking crosswalks; gaps at the bomanite crosswalks; curb ramps that are not aligned with the crosswalks; motorists turning from incorrect lanes; no bus pad; wide and busy intersection.		High		Policies 4.1.1.a & 4.3.2.d		X			10	Project has the support of AUSD and the community. SRTS projects are listed as high-priority in the Ped Plan. City has previously applied for a SRTS grant for this project. Part of the Countywide Bike/Pedestrian Plan.
Wood School Mid-Block Crossing	Improved pedestrian treatments at Grand St. mid-block crossing at Wood School	Proposes pedestrian-refuge island, improved signage and lighting, additional trees, replace fencing along adjacent walkway with graffiti resistant material, curb bulb-outs, reduced driveway width at Wood School, realigned walkway at park and enhanced crosswalk.		High		Policies 4.1.1.a & 4.3.2.d	X				10	SRTS projects are listed as high-priority in the Ped Plan; Project has the support of AUSD and the community. City has previously applied for grants for this project.
Bay Farm Island Bridge Improvements	1) Provides path enhancements on the Bay Farm side of the bike/ped bridge including East Bay Regional Park District's wooden bridge. 2) Provides path enhancements on the walkway that is located on the southwest side of the motorist bridge.		Listed Not Ranked	Low		Policies 4.2.3.c & 4.3.2.d		X			9	
Encinal Avenue Bicycle Improvements	Versailles Ave to Broadway – Class II construction	Extends Encinal Ave. bike lanes two blocks to the west.	High		Medium/High	Policies 4.1.1.d & 4.3.3.a					9	Requires Caltrans coordination.
Lincoln Avenue Bicycle Improvements	Oak to Park – Class II construction	Links two designated bikeways – Oak Street and Tilden Way – in Park Street area.	High		Medium/High	Policies 4.1.1.d & 4.3.3.a					9	Requires removal of on-street parking for library; potential long-term major transit route.
Paden School Trail Improvements	Improves the existing trail east and south of Paden School off of Central Avenue.	Improves trail access.	Listed Not Ranked	Low		Policies 4.2.3.c & 4.3.2.d		X			9	Could be included as part of a future Bay Trail alignment.
Encinal High School Trail	Construct path along the shoreline between Alameda Park and Third Street. Includes Third Street as a Class III bike route.	Provides shoreline access behind Encinal High School.	Listed Not Ranked			Policies 4.2.3.c & 4.3.2.d		X			8	
Public Walkways	Walkway improvements	Improves 25 walkways between homes that are under City jurisdiction.		High		Policy 4.1.1.b, 4.1.1.d & 4.3.2.d					7	Includes replacement of fencing.

Project Name	Project Description	Project need	Bike Plan	Ped Plan	CBT Plan	T.E.	Transit Benefits	Region Signif	Econ Dev	Req'd Mitig	Rank-ing**	Comments/ Challenges
Bike Route Class III Improvements	Provides bike routes on 5th Street, Maitland Drive, Pacific Avenue, San Antonio Avenue, 9th Street, San Jose Avenue, Sherman Street and 3rd Street.	Provides cross-town bike routes.	High			Policies 4.1.1.d & 4.3.3.a					6	
Sidewalks on Tilden Way between Buena Vista Avenue and Park Street.	Complete sidewalks on both sides of Tilden Way between Buena Vista Avenue and Park Street.	Enhances opportunities for pedestrian access and movement by developing, promoting and maintaining pedestrian networks and environments.		Med-ium		Policies 4.1.1.b, 4.3.2.c & 4.3.2.d					5	May require right-of-way acquisition.
Expected Funding Primarily from Local or Developer Funds												
Individualized Marketing	Provides transportation information to residents. Increases educational materials on transit for seniors. Increases Paratransit services education. Provides educational materials to bicyclists and drivers.	Helps residents determine the most efficient bus, Paratransit, ferry, bicycle or walking routes.	High	High	Medium/High	Policy 4.1.1.e, 4.1.5.b, 4.3.1.d, 4.3.1.e, 4.3.3.a & 4.3.2.d	X				21	
Alternative transportation strategies in the City's budget.	Develops and funds alternative transportation strategies and projects. Creates a priority list. Implement a new transportation mitigation fee. Secures capital and operating funds.	Increases use of alternative transportation.	High			Policies 4.3.2.d & 4.3.3.a	X	X	X		18	
Mariner Square Drive Extension	Extends Mariner Drive from Mariner Square Loop to Marina Village Parkway.	Improves circulation and access.	Listed Not Rank-ed			Policy 4.1.1.j	X	X	X	X	16	Expected to be funded by developer funds.
Mitchell Avenue Extension	Extends the street from Alameda Landing to Alameda Point.	Enhances circulation and access.	Listed Not Rank-ed			Policy 4.1.1.j	X	X	X	X	16	Expected to be funded by developer funds.
Wilver Willie Stargell Extension	Extends the street and adds lanes to accommodate Alameda Point development.	Enhances circulation and access.	Listed Not Rank-ed			Policy 4.1.1.j	X	X	X	X	16	Expected to be funded by developer funds.
Clement Avenue Extension	Extends Clement Avenue from Sherman Street to Tilden Way.	Utilizes Fruitvale Ave Bridge for truck traffic and reducing congestion on Park Street Bridge and Park/Clement intersection.	Listed Not Rank-ed			Objective 4.3.6		X	X	X	12	Included in the Northern Waterfront Specific Plan.
Main Street Extension	Extends existing trail to the east.	Includes design, environmental review, permitting and construction.	Listed Not Rank-ed	Med-ium		Policies 4.2.3.c & 4.3.2.d		X		X	11	Expected to be funded by developer funds.

Project Name	Project Description	Project need	Bike Plan	Ped Plan	CBT Plan	T.E.	Transit Benefits	Region Signif	Econ Dev	Req'd Mitig	Rank-ing**	Comments/ Challenges
Education Classes (Bicyclists)	Bicycling skills training. Supports City’s Safety Town program for school students and other bicycling skills courses.	Provides education regarding bicycling routes and safety.	Med-ium		Medium	Policies 4.3.1.d, 4.3.1.e & 4.3.3.a					7	In collaboration with Cycles of Change or other non-profit organization.
Education and Enforcement (Bicycling)	Provides educational materials to bicyclists and drivers	Educates bicyclists and motorists on street safety.	High			Policies 4.3.1.e & 4.3.3.a					6	Includes coordination with the Police Department on enforcement activities
Education and Enforcement (Walking)	Driver and pedestrian education and enforcement.	Educates drivers and pedestrians on the rules-of-the-road and new pedestrian treatments.		High		Policies 4.3.1.e & 4.3.2.d					6	Includes coordination with the Police Department on enforcement activities
Organized Walks	Promotes organized walks.	Helps encourage exercise, safety and education.		High		Policies 4.3.1.e & 4.3.2.d					6	
Bicycle-related Events and Services	Provides assistance on Bike-to-Work Day, Walk & Roll to School Day, etc.	Encourages bicycling.	High			Policy 4.3.3.a					5	
Hancock Street Trail	Creates a trail between Central Avenue west of Encinal High School and Alameda Park.			Low		Policies 4.2.3.c & 4.3.2.d					3	Part of the Countywide Bike/Pedestrian Plan as a Bay Trail connector. Expected to be funded by developer funds.
*Notes: Plan definitions are as follows:												
Bike Plan = Bicycle Master Plan Update (2010)												
Ped Plan = Pedestrian Master Plan (2009)												
CBT Plan: Community Based Transportation Plan (2009)												
Transpo Ele = Transportation Element (TE) policies of the General Plan (2009)												
**Ranking:												
High / Transit Benefits / Regionally Significant / Economic Development = 4 points												
Medium/High = 3 points												
Medium or Listed/Not Ranked = 2 points												
Low / Transportation Element / Required Mitigation = 1 point												